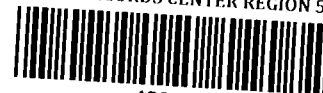




**CONESTOGA-ROVERS
& ASSOCIATES**

200 W. Allegan Street, Suite 300
Plainwell, Michigan 49080-1397
Telephone: (269) 685-5181 Fax: (269) 685-5223
www.CRAworld.com

US EPA RECORDS CENTER REGION 5



489345

May 9, 2014

Reference No. 056394

Ms. Sheila Desai
Remedial Project Manager
U.S. Environmental Protection Agency – Region V
77 West Jackson Boulevard (SR-6J)
Chicago, Illinois 60604-3590

Dear Ms. Desai:

Re: Monthly Progress Report – April 2014
Former Plainwell, Inc. Mill Property Operable Unit No. 7
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Allegan and Kalamazoo County

As required by Task 8, Progress Reports in the Statement of Work of the Remedial Investigation and Feasibility Study (RI/FS) at the former Plainwell, Inc. Mill Property, please find attached three copies of the Progress Report No. 90 for the period of April 1, 2014 through April 30, 2014.

Should you have any questions or require any additional information, please do not hesitate to contact the undersigned.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Jennifer L. Quigley, P.E.

JQ/49/Plw.

Encl.

cc: Paul Bucholtz (MDEQ) – three hard copies
Jim Saric (U.S. EPA) – electronic only
Leslie Kirby-Miles (U.S. EPA) – electronic only
Erik Wilson (City of Plainwell) – electronic only
Richard Gay (Weyerhaeuser) – electronic only
Joe Jackowski (Weyerhaeuser) – electronic only
Martin Lebo (Weyerhaeuser) – electronic only
Garret Bondy (AMEC) – electronic only
Cynthia Draper (AMEC) – electronic only
Garry Griffith (Georgia-Pacific, LLC) – electronic only
Chase Fortenberry (Georgia-Pacific, LLC) – electronic only
Jeffrey Lifka (Tetra Tech) – electronic only
Gregory Carli (CRA) – electronic only

Equal
Employment Opportunity
Employer

**Progress Report No. 90
April 1, 2014 to April 30, 2014**

**Remedial Investigation and Feasibility Study
Former Plainwell, Inc. Mill Property
Plainwell, Michigan**

This progress report is being submitted to the United States Environmental Protection Agency (U.S. EPA) in accordance with Task 8: Progress Reports and the Schedule for Major Deliverables contained in the Statement of Work for the Remedial Investigation/Feasibility Study (RI/FS), pursuant to the terms of the Consent Decree for the Design and Implementation of Certain Response Actions at Operable Unit No. 4 and the Plainwell, Inc. Mill Property (Site) Operational Unit No. 7 of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Consent Decree), which became effective February 22, 2005.

1. Work Performed

- Collection of static groundwater levels and staff gauge measurements on April 9, 2014.
- Initiation of development of response to U.S. EPA's April 11, 2014 comments on the FS Report (Revision 1).
- Initiation of development of revised FS Report (Revision 2).
- MW-23 was destroyed during the winter and could not be located for abandonment. MW-23 was replaced by MW-23A on April 30, 2014 adjacent to the original surveyed location. MW-23A was surveyed on May 2, 2014. A copy of the monitoring well construction log for MW-23A is attached.
- Replacement of Staff Gauge Nos. 3 and 4, which were damaged during the winter, and resurvey of all staff gauges on May 2, 2014.

2. Data Received

- None.

**3. Modifications to Work Plans or Other Schedules
Proposed to, or Approved by, the U.S. EPA**

- None.

4. Problems Encountered and Planned Resolution

- None.

5. Work Anticipated During the Next Reporting Period

- Participation in a conference call on May 14, 2014 with representatives from the U.S. EPA, Michigan Department of Environmental Quality (MDEQ), and Weyerhaeuser regarding U.S. EPA's April 11, 2014 comments on the FS Report (Revision 1).
- Development of response to U.S. EPA's April 11, 2014 comments on the FS Report (Revision 1).
- Development of revised FS Report (Revision 2).

6. Anticipated Development with Work during the Next Period

- None.

7. Other Relevant Information

- None.



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: FORMER PLAINWELL MILL

PROJECT NUMBER: 085319

CLIENT: HOMRICH WRECKING, INC

LOCATION: PLAINWELL, MI

HOLE DESIGNATION: MW-23A

DATE COMPLETED: April 30, 2014

DRILLING METHOD: DIRECT PUSH/ HSA

FIELD PERSONNEL: E. BATENBURG

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft	MONITORING WELL	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	
	NORTHING: 347309.21 EASTING: 12778170.34	GROUND SURFACE 723.36 TOP OF CASING 722.64						
2	COAL, with fine gravel, fine grained coal, black, moist	722.61	CONCRETE	1DP		65		
4	SP-SAND, trace silt and fine gravel, compact, fine to coarse grained, poorly graded, orange brown to dark brown - trace fine coal debris at 1.2ft BGS		BENTONITE CHIPS					
6	- trace brick debris, light brown at 4.0ft BGS		2" PVC WELL CASING					
8	- dark brown at 6.0ft BGS	716.86	4-1/2" BOREHOLE	2DP		70		
10	SP/GP-SAND AND GRAVEL (native), trace silt and fine to coarse gravel, fine to coarse grained, poorly graded, light brown sand, multicolored gravel, moist - 2" silty clay lens, orange at 6.7ft BGS		2" PVC WELL SCREEN					
12	- wet at 10.5ft BGS		SAND PACK	3DP		80		
14	- dark gray/black seam, with silt at 13.0ft BGS - orange brown at 13.1ft BGS - light brown at 13.8ft BGS - dark brown/gray at 14.2ft BGS - light brown at 15.0ft BGS		NATIVE SOIL COLLAPSE	4DP		75		
16								
18								
20	END OF BOREHOLE @ 20.0ft BGS	703.36						
22								
24								
26								
28								

WELL DETAILS

Screened interval:

714.36 to 707.36ft

9.00 to 16.00ft BGS

Length: 7ft

Diameter: 2in

Slot Size: 0.010

Material: PVC

Seal:

721.36 to 716.26ft

2.00 to 7.10ft BGS

Material: BENTONITE CHIPS

Sand Pack:

716.26 to 707.36ft

7.10 to 16.00ft BGS

Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 085319-W1.GPJ CRA_CORP.GDT 5/9/14